

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) Attorney Docket No.: **ASAIN0173**  
Kazuhiko KATSUMATA ) Confirmation No.: Unknown  
Serial No.: Unassigned ) Group Art Unit: Unknown  
Filed: December 27, 2005 ) Examiner: Unknown  
For: GAS COOLING TYPE VACUUM ) Date: December 27, 2005  
HEAT TREATING FURNACE AND )  
COOLING GAS DIRECTION )  
SWITCHING DEVICE THEREFOR )

AMENDMENT (A)

**MAIL STOP: PCT**

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Sir:

Prior to calculating the filing fee, and preliminary to examination on the merits, please amend the application identified above as follows:

**Amendments to the Title** begin on page 2 of this paper.

**Amendments to the Specification** begin on page 3 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

**Amendments to the Title:**

Please amend the title as follows.

GAS COOLING TYPE VACUUM HEAT TREATING FURNACE AND COOLING GAS  
DIRECTION SWITCHING DEVICE THEREFOR